SCENARIO

A five-gallon holding reservoir for xylene ruptures and spills in an area within your laboratory. The technician in the area attempts to contain the spill by throwing towels over the product. Hospital staff smell the fumes and evacuate the laboratory. The spill and subsequent evacuation renders the laboratory non-functional and all testing ceases. The fumes from the spill enter the hospital HVAC system and spread to other areas of the hospital. Patients and staff are complaining of the odor and experiencing minor symptoms of coughing and tearing eyes.

The hospital Spill Response Team arrives to contain the area and evaluate the situation; they isolate and remove all remaining workers from the area. HVAC/air intake systems are diverted or shut down to prevent spread of fumes. Operations in affected areas have ceased, impacting patient care services. Affected workers are receiving evaluation and treatment in the ED. The Spill Response Team quickly realize that the size of the spill is beyond their scope and contact the hospital's hazardous material response provider and/or 911.

Concern grows among unaffected staff, patients, and visitors who believe they may have been exposed to the fumes. Many are requesting evaluation and treatment. Most of all people exposed have been discharged from the ED; but, there have been a few requiring admission. The hospital's Hazardous Materials response provider has effectively completed the spill clean up.

The media have arrived at the hospital and many patients' families, learning of the incident, are demanding information regarding the status of their family member.

INCIDENT PLANNING GUIDE

Does your Emergency Management Plan Address the following issues?

Mitigation & Preparedness						
	Does your hospital have procedures for the following:					
		□ Rapid HVAC and air intake control, shut down and diversion?				
		A procedure for individually controlling HVAC and return air for impacted areas?				
		Hazardous materials identification, control and cleanup?				
1.		Controlling access and egress into affected area?				
		HVAC preventive maintenance?				
		Engineering controls?				
		Staff training?				
2.	Does your hospital have the following, to increase readiness for this scenario?					
		A plan for communications or liaison with fire/hazmat, OSHA/EPA (state and/or federal), public health, poison control, and other relevant external entities				
		A hospital hazmat response and decontamination plan and team ("Spill Team") to prevent contamination of hospital staff and facilities				
		A procedure to monitor the health status of staff who were initially exposed and who participated in response and decontamination activities				
		A procedure for isolating the area to prevent spread of contamination				
		Standardized messages for communicating the risks associated with this event with staff, patients and the media				
		Access to expert information sources, e.g., Material Safety Data Sheet (MSDS), DOT Emergency Response Guide, CDC web site, city or county emergency operations plan				
Response & Recovery						
•	Does your hospital have a plan to:					
1.		Partial or full evacuation of the facility or relocating services if the chemical released poses an immediate danger to staff, patient care, and business?				
		Assess immediate and short-term impacts on interior construction and infrastructure systems?				
2.		our lab have a procedure for notifying hospital staff of an incident and a policy for identifying ive lab services?				

INCIDENT RESPONSE GUIDE

Mission: To effectively and efficiently manage a spill or leak involving hazardous material within the hospital.

Direc	Directions				
	Read this entire response guide and review incident management team chart				
	Use this response guide as a checklist to ensure all tasks are addressed and completed				
Objec	ctives				
		the contaminated area			
	Identify	the hazardous material			
	Patient	triage and medical management			
	Protect	ion of patients, staff and visitors			
Imme	ediate (Operational Period 0-2 Hours) & Intermediate (Operational Period 2-12 Hours)			
	COMMAND				
	(Incide	nt Commander):			
	_	Establish Incident Command and activate PIO, Safety Officer, Liaison Officer and Operations and Logistics Section Chiefs			
		Alert/notification of internal staff via overhead page (e.g., Code Orange: Internal)			
		Activate and implement the hospital's Spill Response Team			
		Establish Hospital Command Center (HCC) and assemble incident management team			
		Activate the Medical/Technical Specialist – Chemical to assess the incident			
		Activate Medical Care, Infrastructure, HazMat, and Security Branch Director			
		Establish operational periods and operational objectives (e.g., protecting life safety of existing personnel and patients, limit further spread/damage, provide decontamination, and account for all personnel and patients)			
	(PIO):				
		Establish a patient information center; coordinate with the Liaison Officer and local Emergency Management/Public Health/EMS			

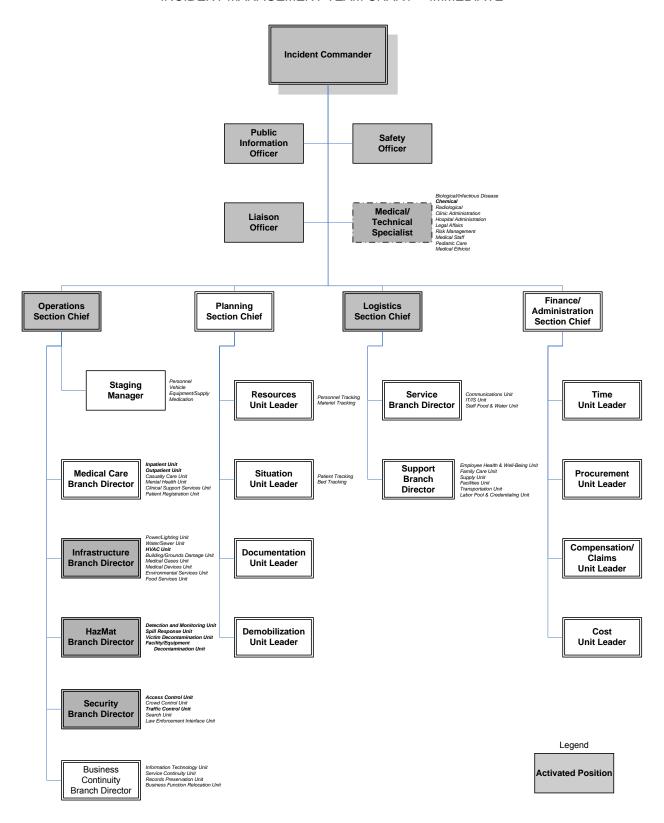
	COMMAND				
	(Liaison):				
		Communicate with other healthcare facilities to determine:			
		Situation status			
		Surge capacity			
		Patient transfer/bed availability			
		Ability to loan needed equipment, supplies, medications, personnel, etc.			
	(Safety	Officer):			
		Conduct ongoing analysis of existing response practices for health and safety issues related to staff, patients, and facility, and implement corrective actions to address			
	OPER/	ATIONS			
		Ensure proper triage of symptomatic and non-symptomatic patients, staff, volunteers and others with possible exposure			
		Initiate and maintain patient care and management activities			
		Coordinate with the Security Officer, as necessary, to isolate the spill area			
		Communicate with local emergency management to identify toxic chemicals			
		Isolate the contaminated area			
		Identify the hazardous material			
		Provide situation report to IC including			
		Substance description and damage inflicted			
		 Response / clean-up plan including potential notification and activation of contracted Hazardous Materials spill response provider 			
	PLANN	IING			
		Establish operational periods and develop Incident Action Plan:			
		Engage other hospital departments			
		Share Incident Action Plan through Incident Commander with these areas			
		 Provide instructions on needed documentation including completion detail and deadlines 			
		Prepare and implement patient tracking protocols			

	LOGISTICS			
		Monitor the health status staff who participated in decontamination activities and actively provide rehabilitation as necessary		
		Anticipate an increased need for medical/surgical supplies, personal protective equipment, transporters, and personnel		
Exter	nded (O	perational Period Beyond 12 Hours)		
	COMM	AND		
	(PIO):			
		Continue patient information center, as necessary		
Ц	(Liaisor	n):		
		Obtain a summary of the status and location of all incident patients from the Patient Tracking Officer. Disseminate to public health/EMS, local EOC, local Fire/HazMat Teams, or others as appropriate		
	OPER/	ATIONS		
		Continue spill clean up and decontamination of the laboratory		
		Continue patient management activities		
		Monitor environmental conditions/fumes and continue to control HVAC operations to limit or prevent spread		
	LOGIS	TICS		
		Continue to monitor the health status of staff who were exposed to the fumes or who participated in decontamination activities		
		Monitor, in collaboration with the Medical Care Branch Director, all patients who were exposed or may have been exposed to the fumes/chemical		
		Ensure restoration or relocation of laboratory services		
	FINAN	CE/ADMINISTRATION		
		Monitor and track all personnel time and response costs		
Ш		Track costs for outside resources assisting in response		
		Prepare summary reports for the Incident Commander every 8 hours and as requested		

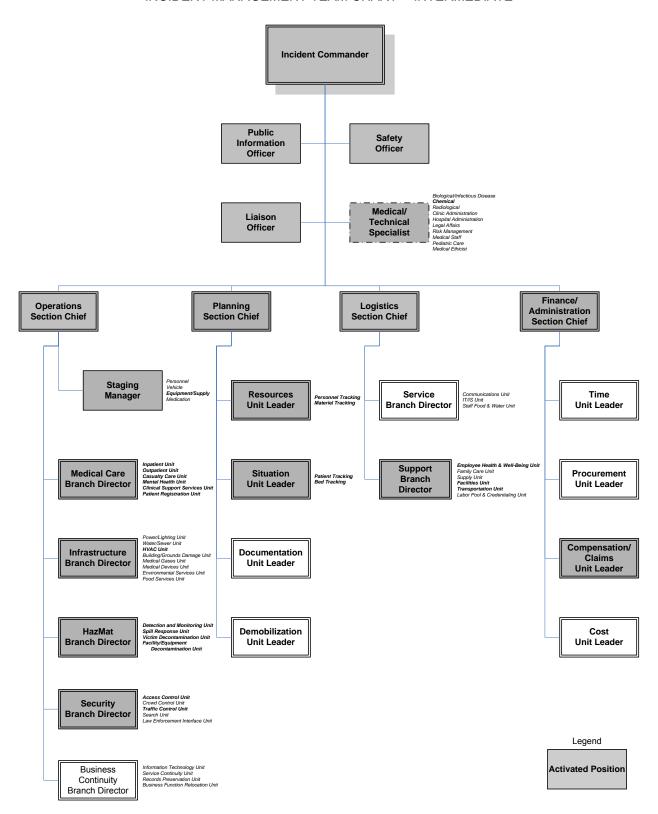
Demobilization/System Recovery						
	COMMAND					
	(Incide	nt Commander):				
		Once notified of complete clean up and decontamination of the affected area(s), declare the emergency terminated and demobilize the HCC				
	(PIO):					
		Notify the media of the termination of the event, outcomes and other pertinent information				
	(Safety	Safety Officer):				
		Ensure safety of impacted area(s) and notify the IC of status				
	(Liaiso	n):				
		Notify local officials, Fire/HazMat teams and other hospitals of "all clear" status				
	OPER	ATIONS				
		Complete clean up operations and assess decontamination				
_		Implement local hazmat protocols to follow up with the local/state/federal agencies as appropriate (e.g., EPA)				
	PLAN	IING				
		Conduct after-action review with the following:				
		Command personnel and Section Chiefs				
		Laboratory Staff				
		Spill Team Response Members				
		Staff, patients and volunteers				
		Write after-action report and corrective action plan to include the following:				
		Summary of actions taken				
		Summary of the incident				
		Actions that went well				
		Area for improvement				
		Recommendations for future response actions				
		Recommendations for correction actions				

	LOGISTICS				
П		Monitor the health status staff who participated in decontamination activities for an extended period			
		Conduct stress management and after-action debriefings and meetings as necessary			
		Inventory all HCC and hospital supplies and replenish as necessary and appropriate			
	FINAN	CE/ADMINISTRATION			
		Compile expense reports and submit to Incident Commander and proper authorities for reimbursement			
Docur	ments a	nd Tools			
	Hospita	ll Emergency Operations Plan			
	Hospita	l Spill Response Plan			
	Hospita	l Decontamination Protocol			
	Hospita	Il Mass Casualty Incident Protocol			
	Patient	Tracking Form			

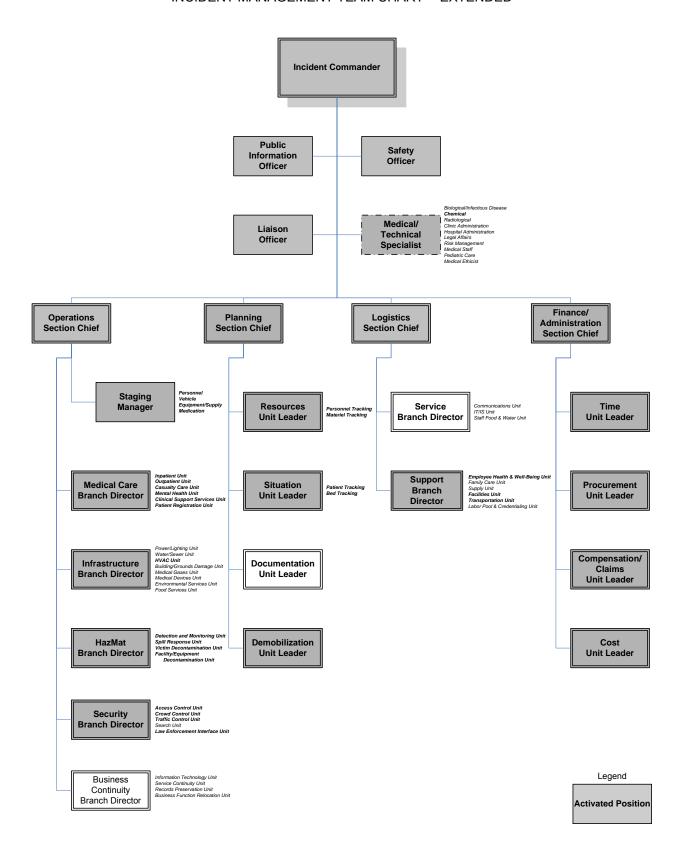
INCIDENT MANAGEMENT TEAM CHART -- IMMEDIATE



INCIDENT MANAGEMENT TEAM CHART -- INTERMEDIATE



INCIDENT MANAGEMENT TEAM CHART -- EXTENDED



INCIDENT MANAGEMENT TEAM CHART - DEMOBILIZATION

Note: Demobilization is a gradual process, and positions should be deactivated according to the needs of the incident and progress to recovery

